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AMENDED CLAIMS

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3. A cellulignin fuel according to claim 1, characterized in that it has a heat combustion value of about 18 to 20 MJ/kg.

4. A cellulignin fuel according to claim 1, characterized in that it is ground into particles having size lower than 250 mm.

5. A cellulignin fuel according to claim 1, characterized in that it presents an ignition time equal to or shorter than 20 ms (0.02s).

6. A cellulignin fuel according to claim 1, characterized in that it has a volatilization temperature of about 350°C.

7. A cellulignin fuel according to claim 1, characterized by a Na + K content lower than or equal to 5 ppm.

8. A cellulignin fuel according to claim 1, characterized in that it generates combustion gases with total particulates lower than 200 ppm, the particles having diameter lower than 5 nm at concentrations lower than 8 ppm.